ANNEXURE 3

[*Vide* Unstarred question No37(Q) answered on 2nd December, 2004]

ESTIMATED APPROVED COST OF 10TH PLAN THERMAL POWER PROJECTS UNDER IMPLEMENTATION IN THE COUNTRY

AS ON: 30-NOV-2004

State, Sector and Project Name	Impl. Agency	Project Cap (MW)	Cap Benefits (MW) As per Org Target	As Now Anticipated	Est. Approved Cost (Rs. in lakhs)
1	2	3	4	5	6
A. PROJECTS ALREADY COMMISSIONED					
Central Sector					
AP					
Ramagundem STPS-III	NTCP	500	500	500	181846
Simhadri TPP		500	500	500	365079
Orissa					
Talcher STPS-II	NTPC	2000	1500	1500	671722
TN					
Neyveli TPS-I Exp.	NLC	420	420	420	159058
WB					
Mejia TPS Extn.-4	DVC	210	210	210	72371
	Sub-Total:		*3130.00*	*3130.00*	
State Sector					
Delhi					
Pragati CCPP	PPCL	330.38	225.78	225.78	107730
Gujarat					
Dhuvaran CCPP	GSECL	106.617	106.617	106.617	31006
Haryana					
TDL (Panipat) (incl. Cost)	HPGCL	500	250	250	178536
Karnataka					
Raichur TPS-7	KPCL	210	210	210	61300
Manipur					
Leimakhong DGPP	Govt. of Manipur	18	18	18	13424
Mizoram					
Bairabi DGPP	Power Deptt. Govt. of Mizoram	22.92	22.92	22.92	8595
Rajasthan					
Kota TPS-IV	RRVUNL	195	195	195	63478
Ramgarh CCPP-II		75.325	75.325	75.325	30010
Suratgarh TPS-III		250	250	250	75274
TN					
Kuttalam CCPP	TNEB	100	100	100	31111
Valuthur CCPP		94	94	94	30136
Tripura					
Baramura GT	Power Deptt. Govt. of Tripura	21	21	21	9536

1	2	3	4	5	6
Rokhia GT-7	Govt. of Tripura	21	21	21	8517
	Sub-Total:		***1589.64***	***1589.64***	
Private Sector					
A&N Islands					
Bambooflat DGPP	Suryachaakra Power Corp. Ltd	20	20	20	6314
AP					
Peddapuram CCPP	BSES Andhra Power Ltd.	220	78	78	70000
TN					
Neyveli Zero TPP	ST-CMS Electric Co.	250	250	250	132511
	Sub-Total:	***348.00***	***348.00***		
	Total	***5067.64***	***5067.64***		
B. PROJECTS UNDER CONSTRUCTION					
Central Sector					
Bihar					
Kahalgaon STPS-II (Ph-I)	NTPC	1000	660	1000	400227
Kahalgaon STPS-II (Ph-II)		500		500	186610
Chhattis.					
Sipat STPP-I	NTPC	1980	1320		832339
Sipat STPS-II		1000	660	1000	403964
Jharkhand					
Chandarpura TPS Extn.	DVC	500	500	500	204315
MP					
Vindhyachal TPS-III	NTPC	1000	500	1000	420150
Orissa					
Talcher STPS-II	NTPC	2000	500	500	671722
UP					
Rihand STPS-II	NTPC	1000	1000	1000	404949
Unchahar TSP-III		210	210	210	93928
WB					
Mejia TPS	DVC	500	250	500	199876
	Sub-Total:		***5600.00***	***6210.00***	
State Sector					
A&N Islands					
Rangat Bay DGPP	A&N Administration	5	5	6	2639
AP					
Rayalaseema TPS-II	APGENCO	420	420	420	164000

1	2	3	4	5	6
Chhattis.					
Korba East TPP St-V	CSEB	500	420	500	184536
Gujarat					
Akrimota TPP	GMDCL	250	250	250	133842.5
Dhuvaran CCPP Extn.	GSECL	112		112	33300
Kutch Lignite TPP	GEB	75	75	75	30469
Haryana					
TDL (Panipat) TPS (Incl. Cost)	HPGCL	500	250	250	178536
Yamuna Nagar TPP		500		300	233800
Karnataka					
Bellary TPP	KPCL	500	500	500	210000
Mah.					
Paras TPS Extn.	MSEB	250		250	112197
Parli TPS Extn		250	250	250	105390
MP					
Amarkantak TPP	MPSEB	210		210	91907
Birsingpur TPS Extn. St-III	MPEB	500	500	500	209375
Nagaland					
Dimapur DGPP	Govt. of Nagaland	22.92		22.92	10500
Punjab					
Guru Har Gobind TPS-II	PSEB	500	500	500	178967
Rajasthan					
Dholpur CCPP (Ph-I)	RRVUNL	330		330	117500
Giral TPP		125		125	61800
Tripura					
Rokhia GT Extn.	Govt. of Tripura	21		21	8094
UP					
Parichha TPS Extn.	UPRVUNL	420	210	420	170300
WB					
Durgapur TPS Extn.	Durgapur Projects Ltd.	0		300	102900
Sagardighi TPP	WBPDCL	500	250	600	205710
Santaldih TPP		250		250	90000
	Sub Total:		***3630.00***	***6191.92***	
Private Sector					
AP					
Gautami CCPP	Gautami Power Ltd.	464	464	464	145000
Jegrupadu CCPP Extn.	GVK Industries	220	230	220	76000
Konaseema CCPP	Konaseema EPS OPL	445	445	445	138300

1	2	3	4	5	6
Ramagundem TPP	BPL Power Project	570	520		238906
Vemagiri CCPP	Vemagiri Power Gen. Ltd	370	370	370	104300
Chhattis					
Raigarh TPP(Ph-I)	Jindal Power Ltd	0		250	153000
Jharkhand					
Jojobera TPP	TPCL	120	120	120	43200
Mah.					
Dabhol CCPP-II	Dabhol Power Co.	1444	1444	1444	560400
TN					
Karuppur CCPP	Aban Power Comp Ltd.	119.6		119.8	
Valantharavai CCPP	Arkay Energy Ltd.	52.8		52.8	
	Sub-Total:		***3593.00***	***3485.60***	
	Total:		***12823.00***	***15887.52***	
C. PROJECTS UNDER AWARD PROCESS/CONSTRUCTION WORK TO START					
Central Sector					
Bihar					
Barh STPP	NTPC	1980	660		909293
Chhattis.					
Bhilai TPP Extn.	NTPC	1000		250	253600
Gujarat					
Gandhar CCGT-II	NTPC	0		725	426369
Kawas CCGT-II		0		725	452559
TN					
Neyveli TPS-II Exp.	NLC	500	500		225098
Tripura					
Monarchak CCPP	NEEPCO	560	500		97702
	Sub-Total:		***1660.00***	***1700.00***	
State Sector					
WB					
Bakreshwar TPS-II	WBPDCL	420	420	210	131272
	Sub-Total:		***420.00***	***210.00***	
Private Sector					
Gujarat					
Akhakhol CCPP	Torrent Power Gen. Ltd.	0		365	378000
UP					
Dadri Reliance CCPP	Reliance Energy Ltd.	1360		1360	
	Sub-Total:			***1725.00***	
	Total:		***2080.00***	***3635.00***	

D. PROJECTS UNDER APPROVAL (AWAITING VARIOUS CLEARANCES/INPUTS)				
Central Sector				
Bihar				
North K Pura TPP	NTPC	1980	660	---
Jharkhand				
Maithon RBC TPP	DVC	1000	1000	---
Rajasthan				
Barsingsar Lignite TPP	NLC	250	250	---
UP				
Dadri TPS-II	NTPC	490	490	---
	Sub-Total:		***2400.00***	
State Sector				
Assam				
Lakwa WH	ASEB	38	38	14500
Jharkhand				
Tenughat TPP-II	TVNL	630	210	
Meghalaya				
Byrnihat DGPP	Govt of Meghalaya	24	24	---
Mendipathar DGPP		24	24	
Pondich.				
Karaikal CCPP	PPCL	100	100	---
Rajasthan				
Mathania ISCC	RRECL	140	140	87186
UP				
Anpara-C TPS	UPRVUNL	1000	500	352651.3
	Sub-Total:		***1036.00***	
Private Sector				
Bihar				
Binta TPP	---	135	135	---
Gujarat				
Jamnagar TPP	Reliance Power Ltd	500	500	255074
Karnataka				
Hassan CCPP	Hassan Power Co	189	189	---
Kaniminike CCPP	Peenya Power Co	107.6	107.6	39059
MP				
Bina TPP	Bina Power Supply Co. Ltd.	578	578	244334
Punjab				
Goindwal TPP	GVK Power Ltd.	500	500	199400
	Sub-Total:		***2009.60***	
	Total:		***5445.60***	
	Total:		***25416.24***	***24590.16***

Status of H.E. Projects included in 10th Plan (2002—07) target of capacity additions

Sl. No.	Name of Project (State)	Capacity (MW)	Benefits during 10th Plan (MW)	Sancd. Cost (Rs. Lakhs)	Latest Cost (Rs. Lakhs)
1	2	3	4	5	6
A.	**Units Commissioned**				
	Central Sector				
CS-2	Chamera-II (NHPC) (H.P)	3x100	300	168402 (08/98)	168402 (08/98)
CS-9	Indira Sagar (M.P.) (Narmada Sagar)	8x125	750	352754 (09/2000)	352754 (09/2000)
CS-12	Nathpa Jhakri (SJVNL) (H.P.)	6x250	1500	167802	766631 (Under Rev.)
CS-17	Kopili Extn. II (NEEPCO) (Assam)	1x25	25	7609	9935
	State Sector				
SS-8	Bansagar Tons PH II (M.P) & III	2x15+3x20	35	30117	97081
SS-6	Sardar Sarovar (Guj./M.P/Mah.)	6x200+ 5x50	200	155186 (86-87)	520200 (06/2002)
SS-12	Srisailam LBPH A.P.	6x150	450	41800	262000
SS-13	Almati Dam Ktk.	1x15+5x55	70	67438	67438
	Private Sector				
PT-1	Baspa II (H.P.)	3x100	300	94923 (Under Rev.)	94923 (Under Rev.)
TOTAL (Commissioned):			**3630**		
B.	**Projects under execution**				
	Central Sector				
CS-1	Dhauliganga St.I (NHPC) (Uttaranchal)	4x70	280.00	60198 (12/89)	157831 (08/99)
CS-3	Dulhasti (NHPC) (J&K)	3x130	390.00	126297	373989
CS-4	Teesta V (NHPC) (Sikkim)	3x170	510.00	219804 (04/99)	219804 (04/99)
CS-5	Sewa-II (NHPC), J&K	3x40	120.00	66546	66546
CS-6	Teesta Low Dam-III (NHPC) W.B.	4x33	132.00	78223	81241
CS-9	Indira Sagar (M.P.) (Narmada Sagar)	8x125	250.00	352754 (09/2000)	352754 (09/2000)
CS-10	Omkareshwar (NHDC) M.P.	8x65	520.00	222473 (11/2002)	222473 (11/2002)
CS-14	Tehri St. I (THDC) (Uttaranchal)	4x250	1000.00	339140 (03/93)	569064 (08/99)
CS-16	Koteshwar (THDC) (Uttaranchal)	4x100	400.00	130156 (10/99)	130156 (10/99)
SUB-TOTAL (Central Sector):			**3602.00**		

1	2	3	4	5	6
	State Sector				
	Northern Region				
SS-1	Larji (H.P.)	3x42	126.00	79698 (03/99)	87510 (08/01)
SS-3	Baglihar-I (J&K)	3x150	450.00	381000	381000
SS-5	Maneri Bhali-II (Uttaranchal)	4x76	304.00	124918 (02/99)	124918 (02/99)
	Western Region				
SS-6	Sardar Sarovar (Guj./M.P/Mah)	6x200+ 5x50	1250.00	155186 (86-87)	520200 (05/2002)
SS-7	Madhikheda (M.P.)	2x20	40.00	17738	17738
SS-9	Bansagar Tons PH IV (M.P)	2x10	20.00	4188	13310
SS-10	Ghatghar PSS (Mah.)	2x125	250.00	62078	118460
	Southern Region				
SS-11	Pridarshani Jurala A.P.	6x39.1	78.20	54700	54700
SS-13	Almati Dam Ktk.	1x15+5x55	220.00	67438	67438
SS-14	Kuttiyadi Addl. Extn. Kerala	2x50	100.00	22050	22050
SS-15	Pykara Ultimate (T.N)	3x50	150.00	7016 (87-88)	38281 (98-99)
SS-16	Bhawani Kattlai Barrage-I T.N	2x15	30.00	9062 (95-96)	14353 (98-99)
	Eastern Region				
CS-11	Purulia PSS (W.B.)	4x225	900.00	145656 (09/91)	318890 (04/94)
SS-17	Balimela Extn. (Orissa)	2x75	150.00	21100 (10/98)	21240 (04/2000)
	North-Eastern Region				
SS-19	Myntdu, Meghalaya	2x42	84.00	36310	36310
SUB-TOTAL (State Sector):			**4152.20**		
	Private Sector				
PT-3	Vishnuprayag (Uttaranchal)	4x100	400.00	161466 (06/97)	161466 (06/97)
SUB-TOTAL (Private):			**400.00**		
TOTAL (Execution)			**8154.20**		
C. Project on which works taken up earlier & presently under hold					
	Central Sector				
CS-18	Tuirial (NEEPCO) Mizoram	2x30	60.00	36872 (06/97)	36872 (06/97)
	State Sector				
SS-18	Karbi Langpi (Assam) (Lower Borpani)	2x50	100.00	3415	48590
SUB-TOTAL (State Sector):			**160.00**		

1	2	3	4	5	6
	Private Sector				
PT-4	Maheshwar (M.P.)	10x40	400.00	156927 (96-97)	167300 (04/2000)
SUB-TOTAL (Private):			**400.00**		
TOTAL (Under hold)			**560.00**		
D. Project under award process/works yet to commence					
	State Sector				
SS-2	Kashang-I (H.P.)	2x3[illegible]	[illegible]6.00	23416	23416
SS-16	Bhawani Kattlai Barrage-II & III, T.N.	2x2x15	60.00	9916 9975	9916 9975
SUB-TOTAL (State Sector):			126.00		
	Private Sector				
PT-2	Dhamvari Sunda (H.P.)	2x3[illegible]	70.00	43996	43996
SUB-TOTAL (Private) :			**70.00**		
TOTAL (Under award)			**196.00**		
E. Project under approval (CEA cleared)					
	Central Sector				
CS-7	Teesta Low Dam-IV (NHPC)	4x4[illegible]	160.00 (Cap. Rev. to 160 MW)		
	W.B.				
CS-15	Tehri PSS (THDC), UA.	4x250	1000.00	179967	179967
S	**TOTAL (Central Sector):**		1160.00		
	State Sector				
SS-4	Shahpurkandi (Punj.)	2x40+2x40 +1x8	168.00	89500 (12/91)	136000 (06/2000)
SS-20	Bairabi Dam, Mizoram	2x40	80.00	44167	54943
SUB-TOTAL (State Sector) : 2 Schemes			**248.00**		
TOTAL (Under approval)			**1408.00**		
F. New Projects					
	Central Sector				
CS-8	Bav-II (NHPC), Mah.	37	37.00		
CS-13	Ram Pur (SJVNL), H.P.	400	400.00		
SUB-TOTAL (Central Sector):			**437.00**		
TOTAL (NEW):			**437.00**		
Sector wise addition Summary					
TOTAL (Commissioned):			3630.00		
TOTAL (CS):			5199.00		
TOTAL (SS):			4686.20		
TOTAL (PRIVATE):			870.00		
TOTAL 10TH PLAN:			14385.20		

Outlay details are based on progress report received from project authorities.

Note: **Difference of 8 MW in Original programme is due to change in Capacity of Teesta Low Dam - IV from 168 MW to 160 MW.**